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EXHIBIT NO. <u>153</u>

Date:December 4, 1989

To: Paul Crouch

Copy To: Jane Duff, NMTV Administration

Jim Mc Clellan, KTDZ Station Manager

From: Ben Miller

Subject: KTDZ; Portland Remote Control

Paul,

To date we have still not had success in the area of getting the remote control system working in Portland. As a result, and as a result of the attempt to not increase the employee head count, we have continued to stay with an 8 hour broadcast day. This has become an unreasonable situation.

Basically, the dilemma with the remote control system is that the one provided is a "stop gap" one which was intended to tide over the 3 customers using the new Townsend computer assisted transmitter model which includes our Portland one. This system was designed for use with FM Translators and is generally inadequate. Exacerbating the situation I am told that the availability date for the upgraded "permanent" design is unknown.

The firm responsible for this fiasco is DSI, Inc. They also designed the computer control modules that run the transmitter that we had so many problems bringing on line during telethon week. They are a small entrepreneurial firm basically run by a design type engineer and a computer programmer. Their support of our problems has been pathetic. The main problem is that Joe Giardina, the design brains behind all of the equipment is also the president of the company, so he is perpetually "unavailable" either out selling projects, driving around talking on his cellular phone, out of town, "in a meeting" or whatever. And furthermore, the general lack of drawings, programming information and documentation has made it virtually impossible for Mark Fountain to make much headway in getting it going without constant help from them.

Common sense dictated that we quit messing around with it attempting to save money and obtain an "off the shelf" MRC-2 system from Moseley which is pretty much an industry standard. We can get all the help and support we need from them.

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I ordered it via Planck with minimal markup at \$12,194.

I'll do what I can to get some kind of refund for the temporary system but, typical in these situations, they will probably respond to our request by saying that we didn't give them a reasonable chance to get the system going and that they are still willing to. With hindsight being 20/20 I should have ordered the Moseley as soon as Townsend went bankrupt instead of believing that DSI would come through for us.

Thanks,

Ben Miller Engineering

cc.

Jane Duff Jim Mc Clellan

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EXHIBIT NO. <u>154</u>

W. Ben Miller Technical Consultant Memo

Date: December 6, 1989

To: Mark Fountain

Copy To: Jane Duff

Jim Mc Clellan

From: Ben Miller

Subject: Telemetry Return Link

Mark.

I will be applying for a data telemetry return link for you in the POFS Band soon (See attached). Comsearch has run a frequency coordination for a possible path between the KTDZ Studios and your transmitter site indicating that you may use 945.150 on horizontal polarization.

Please notify your local SBE frequency coordinator of our intentions and let me know if there is any problems they are aware of on the frequency. Also, please contact Lee Wood and work with him on adding the antenna (data attached) to be mounted high enough to be line of sight as well as using 7/8" heliax line.

Finally, it would very very helpful if you could beg borrow or steal a scanner, receiver or whatever you can lay your hands on to listen to the frequency at the studio site to see if anyone is on there that Comsearch might have missed.

I hope that we can successfully proceed on this project so that your expensive and generally unreliable telco data drop can be bypassed.

Regards,

Be- William

Ben Miller

Technical Consultant

Presented by Communications Commission

Docket No. (7-7 Exhibit 1:0.C-15.

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EXHIBIT NO. <u>155</u>

W. Ben Miller Technical Consultant Memo

Date: December 22, 1989

To: Darlene Eve

From: Ben Miller

Subject: Ice Shield

Responding to your memo to Jane Duff on the subject of the ice shield, the reason no ice shield was installed on the KMLM building is due to the fact that the tower is only 500 feet high, and severe ice storms are somewhat of an infrequent occurrence in West Texas.

If, however, you have had evidence of ice forming and falling from your tower of sufficient size to constitute a hazard, I would then recommend that Tim contact me for further discussion on what can be done to shield the building.

Thanks,

Ben Miller

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Technical Consultant for National Minority TV, Inc.

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EXHIBIT NO. <u>156</u>

Date: January 10, 1990

To: Paul Crouch

From: Ben Miller

Subject: Mark Fountain Honorarium

Attached is report from Mark Fountain describing the amount of time which was required of him during the period of September through December 1989. Mark was forced to deal with an "orphaned" transmitter which had to be made to work with no technical support from the manufacturer, a telethon deadline and an unexpected delay in remote control operation necessitating that he "man" the transmitter himself on frequent occasions.

Once he got a clear understanding of his non-hourly status he continued to work diligently to complete the installation with a positive attitude. For his dedication I would like to request that Mark be considered for a generous honorarium for his additional time and effort during a very trying time up there.

Thanks,

Ben Miller

Bi-Milli

Technical Consultant for National Minority TV, Inc.

CC:

Jane Duff

Jim Mc Clellan

WBM:ws

office memo

TO:

Ben Miller

FROM:

Mark Fountain

DATE:

January 10, 1990

RE:

Extra hours spent on KTDZ Portland

During the installation and start up phase of KTDZ from September to December of last year, I racked up quite a few extra hours. I actually lost count of them. As near as I can figure, I put in a total of somewhere between 120 to 140 hours over and above the 40 hour work week. This included working many frustrating hours during Telethon week to at least try to get some sort of signal out for Paul, spending many more frustrating hours trying to get a bogus DSI remote control system to work, working my share of transmitter shifts keeping both sites manned during this period, installing the Mosely system, taking manuals home with me to study, doing work related errands on my own time and doing work related stuff on my computer at home, and being paged several times to fix problems mostly at the transmitter.

In His service,

Mar V. Lountain

EXHIBIT NO. <u>157</u>

Date: September 27, 1990

To: Jim Mc Clellan

From: Ben Miller

Subject: Four Corners II

Jim,

As you probably know by now, just when you thought it was safe to walk the streets at night again. . . . along comes Four Corners II! And guess who we would like to go back up to Seattle to run the beamer? The date is Friday, Nov. 2 and I would be obliged if you could spare your illustrious Dr. Fountain to assist Dick Engh in pulling off yet another TBN extravaganza!

Thanks,

Ben Miller

WBM:wp

EXHIBIT NO. <u>158</u>

Date: October 10, 1990

To: Eddie Sills

Copy to: Darlene Eve

From: Ben Miller

Subject: Your Memo of October 15

Regarding the 5850 Machines, they will be shipped by George Murray; TBN's Network Operations Manager. You might want to phone him and coordinate the shipment.

On flushing the heat exchanger system. Tap water will suffice with distilled water in the final fill-up with no more than a 50% Dowtherm SR-1 solution. Make real sure that the Dowtherm SR-1 you buy comes in the factory original red and white colored drum. Do not accept any which has been decanted into someone else's container. We've had contamination problems in the past on this. You could potentially ruin your klystron if you end up with a clogged collector. Also, I am assuming that you have successfully installed your filter bag system. If not, make sure it is on line before you add the glycol.

Acknowledged on the 6 1/8" line.

Regards,

Ben Miller Technical Consultant for National Minority TV, Inc.